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② Inventor: Suthers, Mark Spencer

R.R. No. 1

Lanark Ontario, K0G 1KO(CA)
Inventor: Este, Grantley Oliver

132 McCooeye Lane

Stittsville Ontario, K0A 3GO(CA)

Inventor: Streater, Richard William

10 Shoreham Avenue

Nepean Ontario, K2G 3T7(CA)

Inventor: MacLaurin, Blair Kenneth

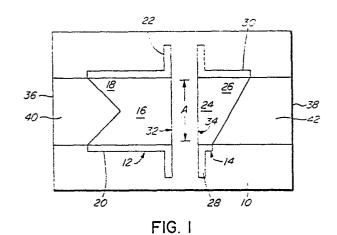
43 Cramer Drive

Nepean Ontario, K2H 5X6(CA)

Representative: Crawford, Andrew Birkby et al A.A. THORNTON & CO. Northumberland House 303-306 High Holborn London WC1V 7LE(GB)

## Saw devices with reflection-suppressing fingers.

SAW (surface acoustic wave) device has a linearly tapered back edge formed by reflection-suppressing fingers (18, 26) of successively decreasing length spaced apart with a pitch of lambda/4 behind the active region (16, 24) of the IDT, where lambda is the wavelength of a SAW to be propagated, whereby SAW reflections at the back edge of the IDT are substantially eliminated. A thin resistive doped silicon film (40, 42) between the back edge of each IDT and the adjacent edge (36, 38) of the substrate film underlies the IDTs to provide improved adhesion to the substrate.



**EP 0 197** 



## **EUROPEAN SEARCH REPORT**

EP 86 30 1277

tegory	Citation of document with indication, where appropriate, of relevant passages		Relevar to clain	CLASSIFICATION OF THE APPLICATION (Int. Ci.4)	
A	US-A-4 350 963 * Figures 5,10; of the column 4, line 1 in 4 *	column 3, line 57	1,3	н 03 н 9/02	
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		Date of completion of the sear 30-09-1987	DEC	Examiner CONINCK E.F.V.	
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